## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No: 03495-0209-00000

In re patent application of

YERAMIAN, EDOUARD et al.

Serial No. 09/950,051

Filed: September 12, 2001

For: GENES AND THE PHYSICS OF THE DNA DOUBLE HELIX.
FORMULATION OF A PHYSICS-BASED GENE IDENTIFICATION
(PBGI) METHOD: AB INITIO IDENTIFICATION OF GENES IN

EUKARYOTIC GENOMES

## STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents Washington, D.C. 20231
Box SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

- 1. the submission, filed herewith in accordance with 37  $\text{C.F.R.}\ \S\ 1.821(g)$ , does not include new matter;
- 2. the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and
- 3. all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United

Serial No. 09/950,051

States Code and that such willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

Respectfully submitted,

Date ()

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800-318-3021

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SEQUENCE LISTING

<110> YERAMIAN, EDOUARD <120> GENES AND THE PHYSICS OF THE DNA DOUBLE HELIX. FORMULATION OF A PHYSICS-BASED GENE IDENTIFICATION (PBGI) METHOD: AB INITIO IDENTIFICATION OF GENES IN EUKARYOTIC GENOMES <130> 03495-0209-00000 CATBADE <140> 09/950,051 <141> 2001-09-12 <150> 60/232,146 <151> 2000-09-13 <160> 9 <170> PatentIn Ver. 2.1 <210> 1 <211> 213 <212> DNA <213> Plasmodium falciparum <400> 1 atgtgcatac atgttacgtt taatttttat tttgaagata atgattttag tgcgttgaaa 60 gttaaggatg aagaaattgt ttctaagaaa aataatttct ccttttctgc tcttagcaat 120 gattcaaatt ctgtaacaaa aaagtacata gttgatttga ccttactaga taatattata 180 gaatccgtaa gaaataaaag aaatataaaa aga 213 <210> 2 <211> 212 <212> DNA <213> Plasmodium falciparum agtatatttt titgaacatc aaattitege ategtiggag etececaggi gegitgaaag 60 ttaaggatga agaaattgtt tetaagaaaa ataatttete ettttetget ettageaatq 120 attcaaattc tgtaacaaaa aagtacatag ttgatttgac cttactagat aatattatag 180 aatccgaaac caaatacaat tttgcttctg tg <210> 3 <211> 225 <212> DNA <213> Plasmodium falciparum

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